BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :-Improvements to Bhuvaneshwarinagara 8th Main road upto Maheshwaramma temple in Ward no.14, Bagalagunte.

			Est. Cost Rs				6.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-47. Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges Complete as per specifications. MORTH Chapter 3. **Page No. 158/ Item No. 19.53/ PWD SR 2013-14**	**Sqm**			Avg				
	1st Main roads		1	100.00	5.30		530.0		
	Basic Rate	18.75					**530.0**	20.25	**10733.00**
	Area Weightage 8%	1.50							
	Total	**20.25**							
2	**KSRRB M400-24.** Providing, laying, spreading and compacting stone aggregates of specific sizes to **water bound macadam** specifications **by Manual means**, including spreading in uniform thickness, hand packing, rolling with power roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregates, watering and rolling, making necessary earthern bund to protect edges, lighting, guarding, barricading, and maintenance of diversion, including cost of all materials, labour, HOM of machinery, complete as per specifications. MORTH Chapter 4 **Page No. 172/ Item No. 20.27/ PWD SR 2013-14**	**Cum**							
			1	100.00	5.30	0.075	39.75		
	Basic Rate	1242.00					39.75	1341.36	**53319.00**
	Area Weightage 8%	99.36							
		1341.36							

3	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.MORTH Specification No. 406 **Page No. 170/ Item No. 20.18/ PWD SR 2013-14**	**Cum**							
	1st Main roads		1	100.00	5.30	0.20	106.00		
	Basic Rate	1038.00					**106.00**	1121.04	**118830.00**
	Area Weightage 8%	83.04							
	Total	**1121.04**							
4	KSRRB 500-6: Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MORTH specification No. 502 **Page No. 175/ Item No. 21.6/ PWD SR 2013-14**	**Sqm**							
	Cross roads		1	100.00	5.30		530		
	Basic Rate	41.00					**530**	44.28	**23468.00**
	Area Weightage 8%	3.28							
	Total	**44.28**							
5	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. Specification No. KRBS 500-1 MORTH Chapter 5 **Page No. 175/ Item No. 21.2/ PWD SR 2013-14**	**Sqm**			**Avg**				
	Cross roads Existin asphalt		1	107.00	5.00		535.0		
	Basic Rate	2.40					**535.0**	2.59	**1386.00**
	Area Weightage 8%	0.19							
	Total	**2.59**							

6	KSRRB 500-7: Providing and applying tack coat on the prepared black topped surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 **Page No. 176/ Item No. 21.7/ PWD SR 2013-14**	**Sqm**							
	Cross roads		1		~~5.30~~		~~0.00~~		
			1	107.00	5.00		535.00		
	Basic Rate	16.60					**535.00**	17.93	**9593.00**
	Area Weightage 8%	1.33							
	Total	**17.93**							
7	KSRRB M500-17: Providing and laying **semi dense bituminous concrete 25mm thick** with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications. With 80/100 grade bitumen using 40-60 HMP using Mechanical paver **Page No. 178/ Item No. 21.20.5/ PWD SR 2013-14**	**Cum**							
			1	100.00	5.30	0.03	15.90		
			1	107.00	5.00	0.03	16.05		
	Basic Rate	9069.00					**31.95**	9794.52	**312935.00**
	Area Weightage 8%	725.52							
	Total	**9794.52**							
8	Carriage of Mixed Materials Page No. 186 Note PWD SR 2013-14			**Qty item no.5**			**31.95**	52.11	**1665.00**
	1st to2ndKM	5.75							
	2nd-5th KM	16.50							
	5th -10th KM	26.00							
		48.25							
	Area Weightage 8%	3.86							
	Total	**52.11**							

9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading **Page No. 150 Item No. 17.1 PWD SR 2013-14**	Cum					79.50		6280.00
			Qty Vide Item No. 1*0.15				**82.50**	78.24	**6454.00**
	2 x 1.28 x 4 Kmtrs	10.24							
		62.20							
	Basic Rate	**72.44**							
	Add Area Weightage 8%	5.80							
	Total	**78.24**							
10	For Quality Control Report Charges1% of the Estimate Cost + ICRISAT Ch. 1st.								6000.00
11	Miscellaneous and UnforessenCharges							2008-09	4453.00
								Total	600000.00

(Rupees. Six Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2013-14
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

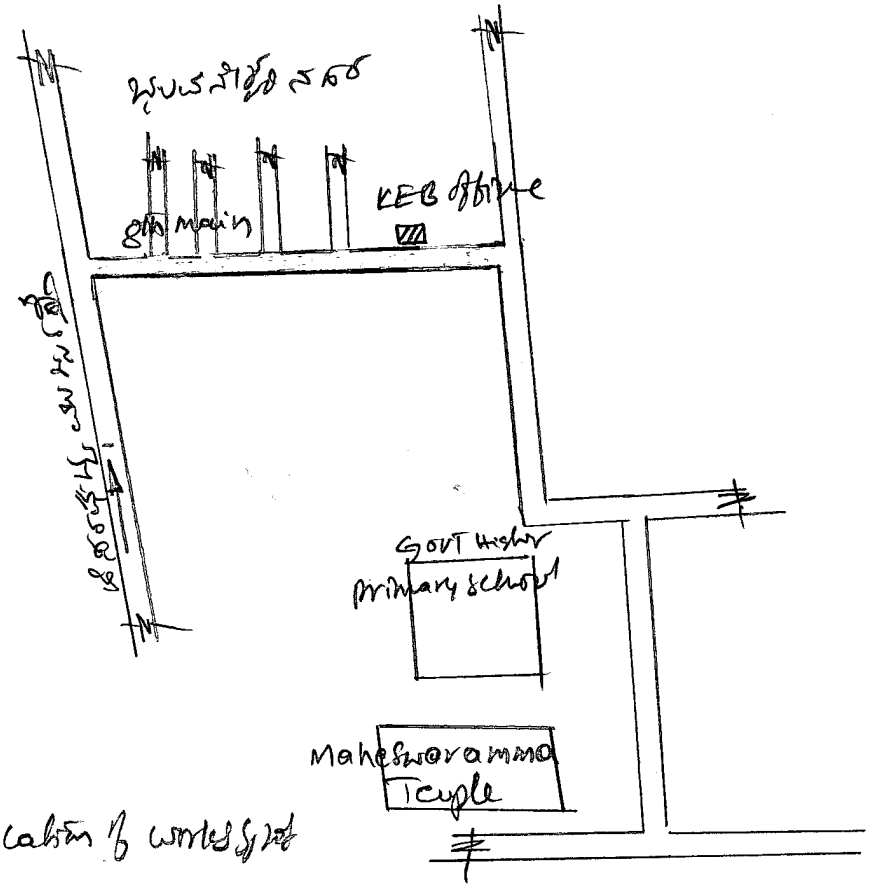
Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ಸಂ: JC/DD/813/13-14 ದಿನಾಂಕ: 18-2-14
ರೂ. 6.00 Lakhs (Rupees Six Lakhs only)
ಕೆ-153
Slip 813

ಸಂ:EE/DD/TS/719/13-14 ದಿನಾಂಕ: 19/2/2014
ರೂ. 6.00 Lakhs (Rupees Six Lakhs only)
19/2

Name of work : Improvements to Bhaleshwari nagara 8th main road upto Maheshwaramma temple



Location of work spot

A.E
W.14

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಶಾಂತಲಾನಗರ, ಬೆಂಗಳೂರು - 560 073